

83

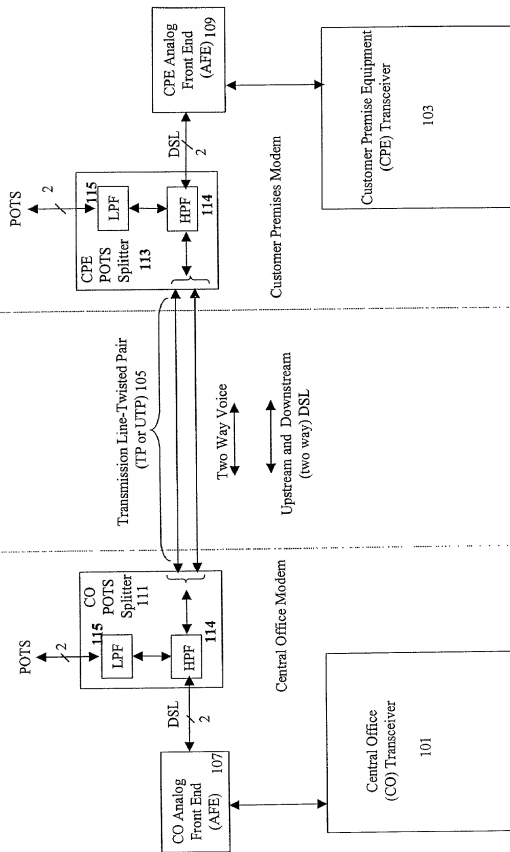


FIG. 1a

PRIOR ART

202010-85510660

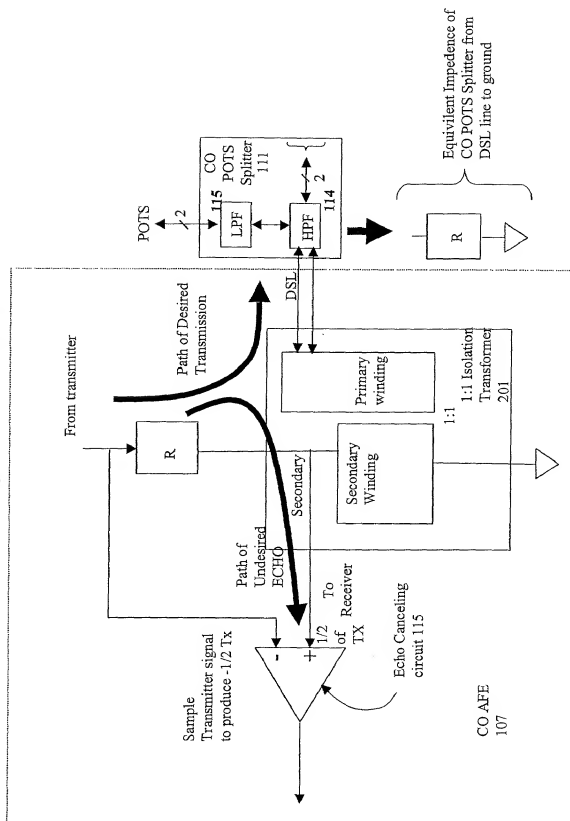
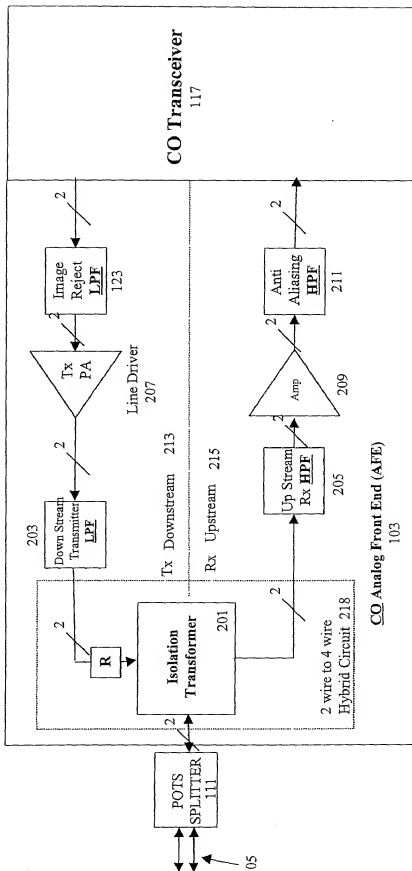


FIG. 1b

202010" 895T0660

# Balanced CO AFE PRIOR ART

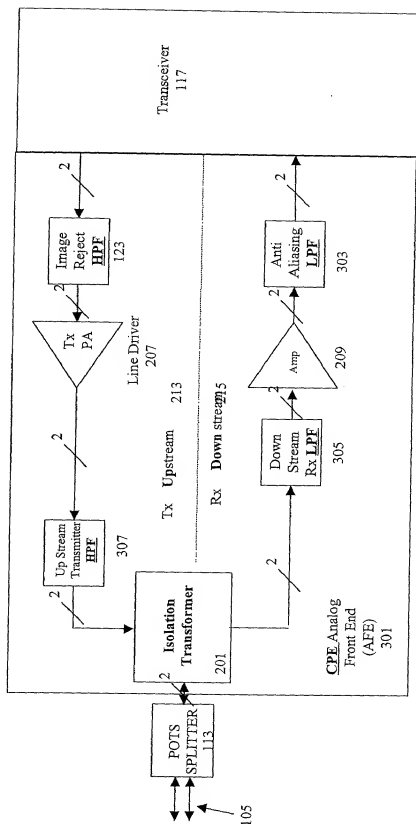


xDSL CARD for CO

FIG. 2

202010-85510660

# Balanced CPE AFE PRIOR ART



xDSL CARD for CPE

FIG. 3

202010" 855T0660

CO Modem 400

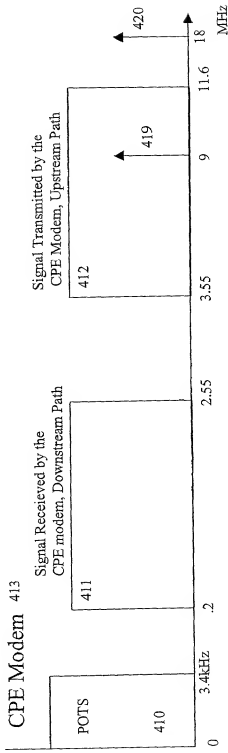
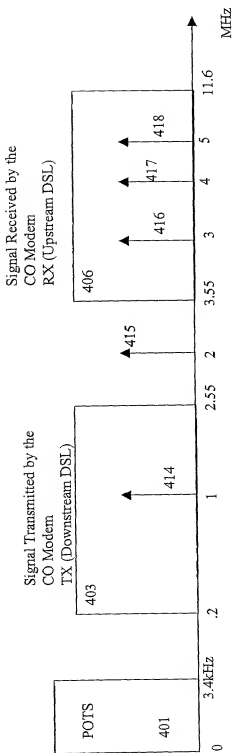


FIG. 4

# Single Ended CO AFE

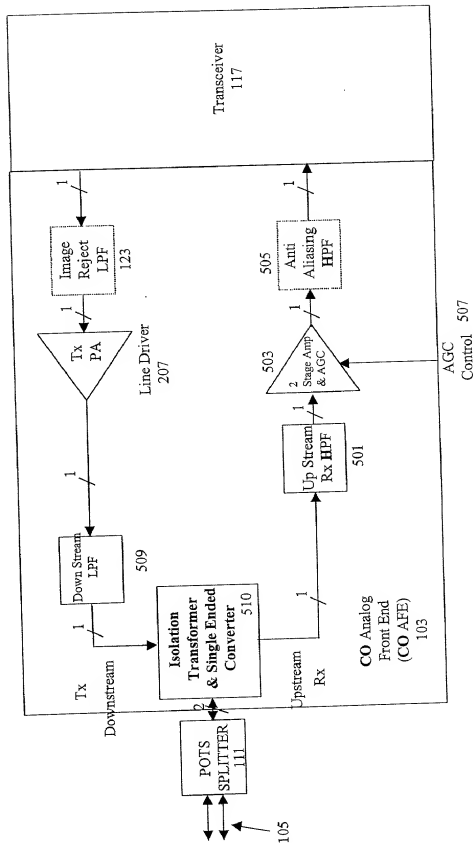
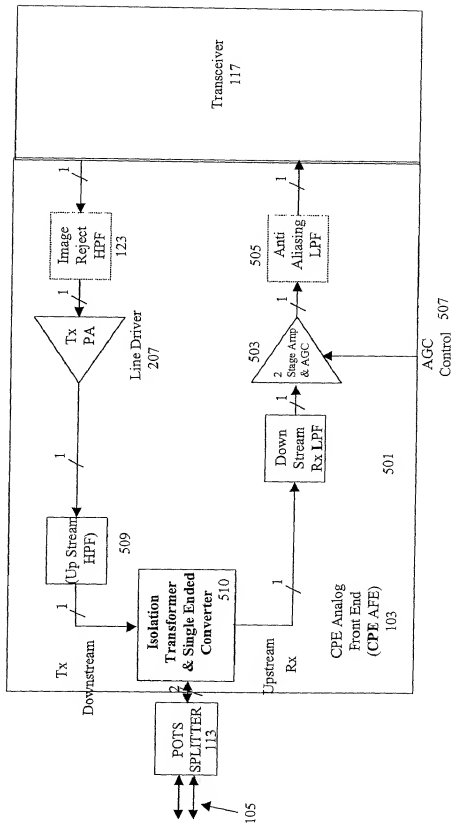


FIG. 5a

xDSL CARD for CO

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# Single Ended CPE AFE



xDSL CARD for CPE

FIG. 5b

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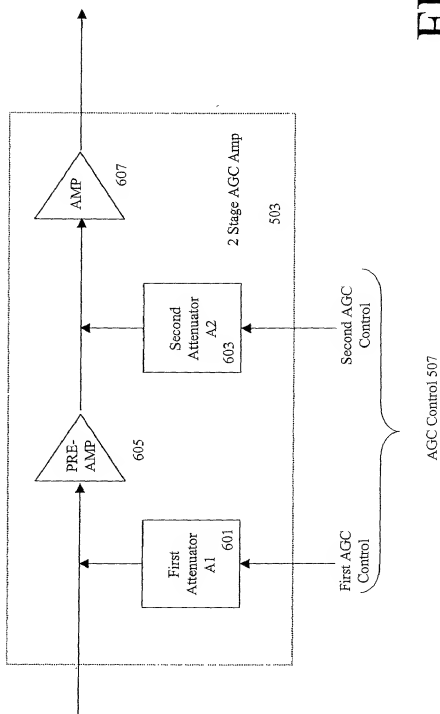


FIG. 6





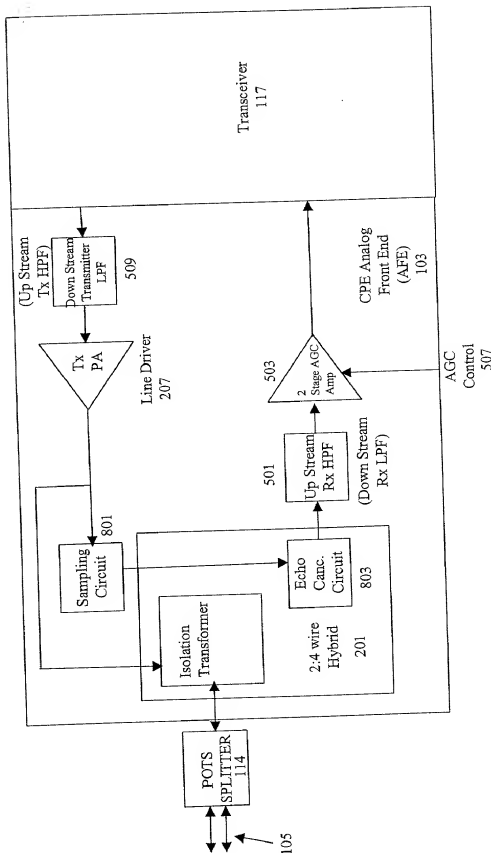
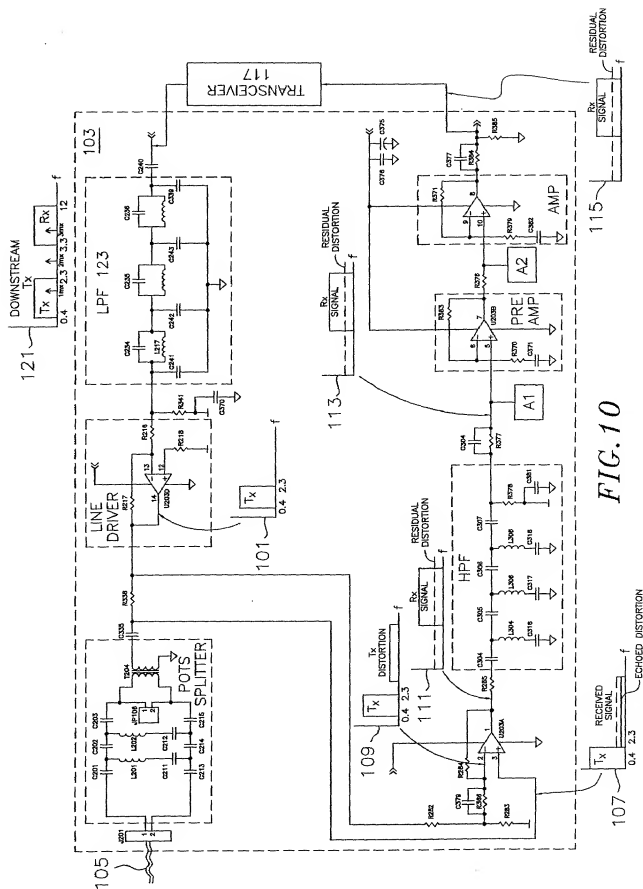


FIG. 8

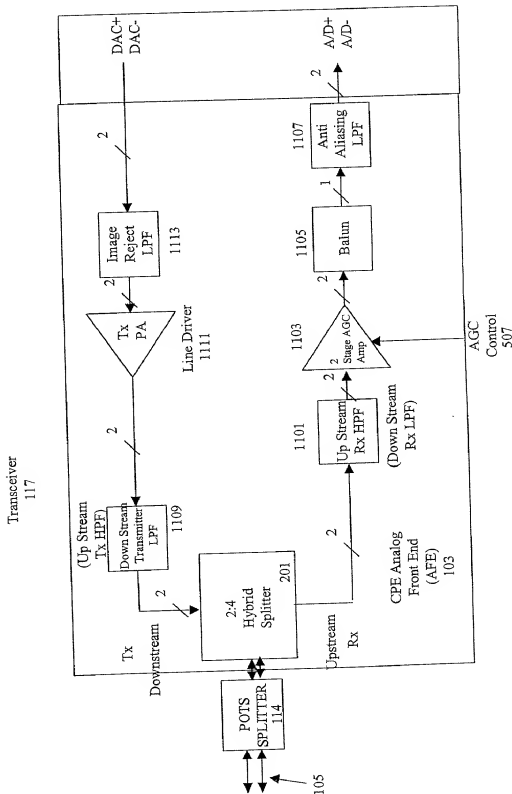
xDSL CARD for CO (CPE)



CUSTMER PREMISE EQUIPMENT (CO) SIDE AFE 919 Residual transmitter Echo Distortion



# LIGHTNING INSENSITIVE AFE (BPF) EMBODIMENT



## FIG. 11

xDSL CARD for CO (CPE)

lightning Inensitive Version

202010-85510660

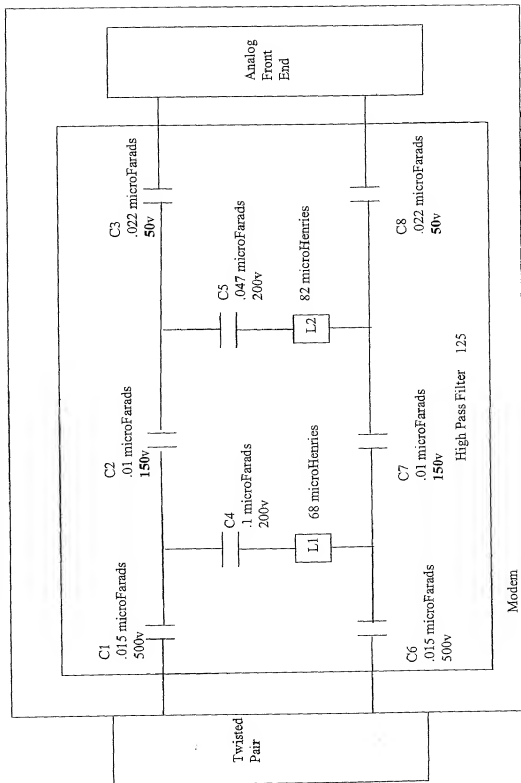


FIG.12

202070" 85510660

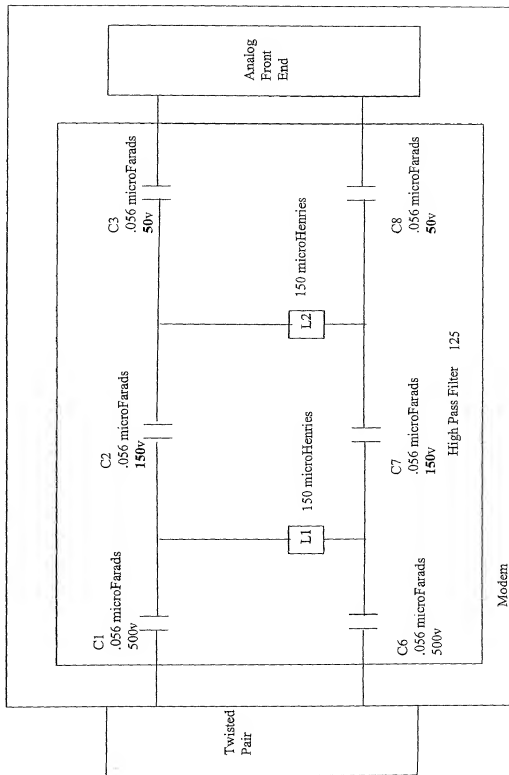


FIG.13

202010'85510660

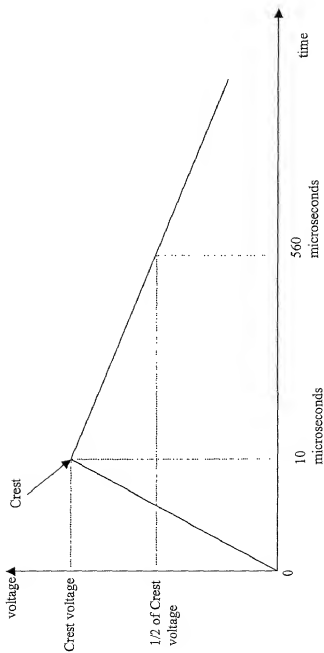


FIG. 14



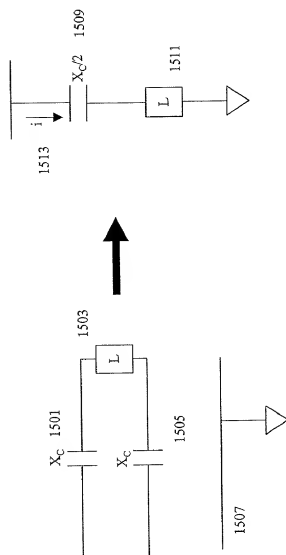


FIG. 15

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